

KEMET Part Number: C1808C102KDGACTU
(C1808C102KDGAC7800)

Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1000 pF, +/-10% Tol, 1000 V, COG, 1808 (4520 metric)



| General Information | |
|--------------------------|--|
| Supplier: | KEMET |
| Application: | Standard Chip |
| Chip Size: | 1808 (4520 metric) |
| Temperature Coefficient: | COG |
| Part Type Description: | SMD, MLCC, Ultra-Stable, Low Loss, Class I |
| Termination Type: | Tin (Sn) |
| Marked: | No |
| RoHS: | Yes |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| L | 4.7 | +/-0.5 |
| W | 2 | +/-0.2 |
| T | 1.6 | +/-0.15 |
| B | 0.6 | +/-0.35 |

| Specifications | |
|------------------------|---------------------|
| Capacitance: | 1000 pF |
| Voltage: | 1000 V |
| Tolerance: | +/-10% |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 0.1% |
| Failure Rate: | N/A |
| Aging Rate: | 0% loss/decade hour |
| Insulation Resistance: | 100 GOhm |
| Dielectric Strength: | 1200 V |

| Packaging Specifications | |
|--------------------------|--------------|
| Package Kind: | T&R |
| Package Size: | 7 in/180 mm |
| Package Type: | Plastic Tape |
| Package Quantity: | 1000 |